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The Virtual Interface Architecture

[Dunning, D.](#) [Regnier, G.](#) [McAlpine, G.](#) [Cameron, D.](#) [Shubert, B.](#) [Berry, F.](#) [Merritt, Gronke, E.](#) [Dodd, C.](#)

Server Archit. Lab., Intel Corp., Hillsboro, OR, USA

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Abstract:

This protected, zero-copy, user-level **network** interface architecture reduces overhead for sending and receiving messages between high-performance CPU subsystems and **networks** to less than 10 microseconds when integrated in s

Index Terms:

network interfaces VIA **network interface** **virtual interface architecture**

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5	241	virtual adj1 interface	USPAT	2004/02/06 16:58
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21	0	(wrapping near3 network) and (virtual adj1 logical adj1 unit\$1)	USPAT	2004/02/06 17:19
22	0	(wrapping near3 network) and (virtual adj1 interface)	USPAT	2004/02/06 17:19

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